

HORUSITZKY, Ferenc, dr., geologus, a foldtani es asvanytani tudományok  
doktora; WEIN, György, dr. geologus

Ore prospecting possibilities in the Buda Mountains. Bany lap 95  
no.11:749-753 N '62.

1. Magyar Állami Földtani Intézet, Budapest.

HORUSITZKY, F.

The Cretaceous-Tertiary boundary and the problem of the "Gallic stage." Acta geol Hung 8 no.1/4:319-335 '64.

HORVAI, A.

Spherical hard coal mined in Vasas. p. 52. (Banyaszati Lapok, Vol. 12, No. 1, Jan 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (FEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

RORVAI, Adam, okleveles geológusmérnök, okleveles bányaiipari gazdasági  
mérnök

Velocity increase in the longwall system through work organization  
in steep-pitched coal seams. Bányalap 97 no.8:545-549 Ag '64.

1. Mecsek Coal Mining Trust, Pécs.

KOHEGYI, Imre; BEDI, Gyula; HORVAI, Adam; JARAI, Istvanne; KUN, Lajos

Accidents in coal mining. Pecs musz szeml 8 no. 1:5-11  
Ja-Mr '63.

1. Public Health Institute, Pecs Medical University, and  
Factory Health Service, Pecs Coal Mining Trust.

HORVAI, E.

Some practical problems of the development of the Hungarian instrument and automatic machinery during the period of the next Three-Year Plan.

P. 125. (MERES ES AUTOMATIKA) (Budapest, Hungary) Vol. 5, no. 4, 1957

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

HORVAI, Ervin, dr.

Technology in medical sciences. Musz elet 19 no. 6:1,12  
12 Mr '64.

HORVAT, Erwin, Dr.

The socialist instrument industry is 10 years old. Meres automat 8  
no.4:97-99 '60.

1. Orasagos Terzhivatal.



HORVAI, Ferenc; MOLNAR, Janos

Belt conveyors with middle frames. Ujit lap 14 no.21:28 10 H '62.

1. Epitogepgyarto es Javito Vallalat, Budapest, XVIII, Halmi dulo.

HORVAT, I.; HOSKOVEC, J.

Experimental study on some processes of visual perception influenced by hypnotical suggestion. Activ. nerv. sup. 6 no.1: 72-73 '64.

\*

CERNY, M.; HORVAI, I.

Electrophysiological study of verbal hallucinations. Activ.  
nerv. sup. 6. no. 1:94-95 '64.

HORVAI, Ivan, Dr.

I. M. Sachenov. Cas. lek. cesk. 95 no.3:57-59 20 Jan 56.

(BIOGRAPHIES,  
Sachenov, Ivan M.)

HORVAI, Ivan

Current problems of mental hygiene. A brief note on some principal problems. *Activ. nerv. sup.* 3 no.2:162-163 '61.

1. Psychiatricka klinika FVL UK v Praze (prednosta prof. dr. V. Vondracek)

(MENTAL HYGIENE)

CZECHOSLOVAKIA

J. HOSKOVEC and I. HORVAT, Psychiatry Clinic of Faculty of General Medicine of Charles University (Psychiatrická klinika fakulty všeobecného lékařství KU [Karlova University],) Head (prednosta) Prof Dr V. VONDRAČEK, DrSc, Prague.

"Research on Speech in Hypnotic Age Regression."

Prague, Activitas Nervosa Superior, Vol 5, No 1, Jan 63; pp 13-21.

Abstract [English summary modified]: Enunciation of 16 words was compared in children aged 0.5, 1 and 2 years; in adults instructed to pronounce these words as children of these ages; and in 6 adults during hypnotic regression to said ages. Authors conclude that there is no true regression; hypnotized adults seem to overestimate the ability of the children to enunciate the words tested. Four tables, 20 Western, 7 Soviet and 6 Czech references.

1/1

CZECHOSLOVAKIA

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"The Symposium About Problems of Hypnosis."

Prague, Activitas Nervosa Superior, Vol 5, No 3, July 63; pp 321-322.

Abstract: Report of a 2-day meeting in Leipzig in November 1962 with 200 participants from both Germanies, Czechoslovakia, Bulgaria, Hungary and France. A dozen of the papers presented are reviewed briefly on hypnosis and suggestion, animal hypnosis, hypnotherapy and hypnoanesthesia and related subjects.

1/1

HORVAI, I. ( Praha 2, Ke Karlovu 11)

Methods of hypnotic suggestion in the investigation of higher nervous activity in man. *Activ. nerv. sup.* (Praha) 7 no.2: 185-186 '65

1. Psychiatric Clinic, Charles University, Prague.

E 10728-66

ACC NR: AP6004565

SOURCE CODE: CZ/0083/65,000/003/0172/0175

AUTHOR: Horvai, I.—Gorvai, I. (Prague)

ORG: Psychiatric Clinic, Faculty of General Medicine, Charles University, Prague  
(Psychiatricka klinika fakulty vseobecneho lekarstvi KU)

TITLE: Some controversial problems of the role of psychiatry in the fight against criminality

SOURCE: Ceskoslovenska psychiatrie, no. 3, 1965, 172-175

TOPIC TAGS: social problem, psychiatry

ABSTRACT:

The role of a psychiatrist in the fight against crime is discussed. The function of a psychiatrist acting as an expert during legal proceedings is to determine the motivation factors and the importance of mental disturbances and abnormalities such as sexual deviations, oligophrenias, and psychopathies. Possibilities of combining rehabilitation with punishment of criminals are discussed. The necessity to investigate the primary causes of criminal actions that frequently have their roots in childhood stresses is emphasized. [JPRS]

SUB CODE: 05, 06 / SUBM DATE: none

Card 1/1



L 12939-66

ACC NR: AP6005674

SOURCE CODE: C2/0079/65/007/002/0185/0186

AUTHOR: Horvai, I.

ORG: Psychiatric Clinic, Charles University, Prague

TITLE: Methods of hypnotic suggestion in the investigation of higher nervous activity in man [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 185-186

TOPIC TAGS: man, psychiatry

ABSTRACT: Age-regression evoked by hypnotic suggestion is not of an actual regressive character; the patient acts by utilizing hypermnestic elements on the basis of preconception. The technique of hypnotic suggestion may be employed in various ways. Reproduction of a traumatizing experience, formation of new situations sufficient to provoke a trauma, provoking a behavior which is close to impossible, or by an overload of usually manageable stimuli. The subconscious factor of the patient can be controlled by the experimenter. Experiments connected with the feeling of pain are important. Influence may be exerted upon emotions, and upon somatic organs and organ systems. [JPRS]

SUB CODE: 06, 05 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 004

Card 1/1

OBETKO,D.; HORVAT,I.

Protective properties of turbine oils in the presence of some additives. Ropa a uhlie 5 no.8:248-250 Ag'63

1. Katedra chemie a technologie ropy, Slovenska vysoka skola technicka.

HORVAI, J.

73. Accessories for making half-tone photographs --  
*Autótipiai feledelek készítésének segédesszközei* -- J. Horvai.  
 (Paper and Printing -- *Papír- és Nyomdatéchnika* -- Vol.  
 4, 1952, No. 11, pp. 27--29, 2 figs.)

For making satisfactory half-tones, the ratio of the diameter of the diaphragm ( $D_d$ ) to the extension ( $e$ ) should equal the ratio of the diameter of the screen aperture ( $D_s$ ) to the distance of the screen ( $s$ ), i. e.  $D_d : e = D_s : s$ . Two devices may be used for this purpose. The Screen Distance Table issued by the Offset Printing Office has a slide gauge-like design and includes the necessary data for three different stops to each of four screen densities. It can be worked simply and rapidly. Horvai's diagrammatic device for screen distance and diaphragm determination permits readings of data for every possible screen density and diaphragm combination, even of values between markings on the diaphragm scale of the objective. Both devices work well and proved to be reliable in practice.

J. Horvai

HORVAI, I.

Some data on parapsychology. Cesk. psych. 60 no.6:405-410 N ' 64.

1. Psychiatricka klinika fakulty vseobecneho lekarstvi Karlovy  
University v Praze.

HORVAI, I.; HOSKOVEC, J.

Contribution to the problem of so-called hypnotic age regression.  
Activ. nerv. sup. 4 no.2:161-162 '62.

1. Psychiatricka klinika fakulty vseobecneho lekarstvi Karlovy uni-  
versity v Praze.

(HYPNOSIS)

*HORVAI, K.*

HUNGARY/Optics - Luminescence

K-6

Abs Jour : Ref Zhur - Fizika, No 6, 1958, No 14233

Author : Dombl J., Horvai K.

Inst : The University, Szeged, Hungary

Title : On the Concentration Dependence of the Effect of Secondary Fluorescence on the Spectra

Orig Pub : Acta phys. et chem. Szeged, 1956, 2, No 1-4, 9-17

Abstract : Using a photoelectric spectrophotometer, the authors have investigated the changes in the radiation spectra of fluorescein in water (pH = 12.5). When the concentration of the fluorescence changes, a shift in the radiation spectrum is observed, in spite of introducing corrections for the reabsorption. The authors ascribe this shift to the influence of the secondary fluorescence. The fluorescence spectrum, corrected also for secondary fluorescence by the method of Budo and Ketskemety (Referat Zhur Fizika, 1957, No 6, 15645), is independent of the concentration over a wide range ( $2 \times 10^{-5}$  to  $10^{-2}$  m/l).

Card : 1/1

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HORVAI, Karolyne

Thoughts on a bridge under construction. Kozleked kozl 19 no.15:  
235-239 14 Ap '63.

LIST AND INDEX										PROCESSES AND PROPERTIES INDEX									
<p>HORVAI, R. CA</p> <p>7</p> <p>Analytical studies. R. A. Kovacs and R. Horvai. <i>Acta Lit. Sci. M. E. Univ. Hung. Francis-Josephius, Sci. Chem. Mineral. Phys.</i> 7, 214-17 (1940) (in German). An 0.2% soln. of Na umbelliferonacetate seems to be a suitable fluorescence indicator for achimetry. A soln. of alkali hydroxide to which 5-6 drops of the indicator has been added shows fluorescence under the ultraviolet arc lamp. The light blue fluorescence disappears when the alkali hydroxide is neutralized. Titration of mineral acids gave values agreeing with those obtained with phenolphthalein indicator. A 0.2% aq. soln. of <i>o</i>-phenylene-diamine seems to be a suitable indicator for daylight achimetric titrations. Its range of color change seems to be the same as that of methyl orange. S. S. de P.</p>																			
<p>ASD-SLA METALLOGICAL LITERATURE CLASSIFICATION</p>																			

HORVAI R.

HORVAI R., KÖRPÁSSY B. KÖLTAY M.

Adatok a cseresz gyomorbelcsatornából való felszívódásának  
kereséshez. [Data on tannin resorption from the gastro-  
intestinal tract] Kiserletes orvostud. 3:3 1951 p. 213-7.

1. Institute of Pathological Anatomy and Pathological His-  
tology, Szeged Medical University.

CLML 20, 10, Oct. 51



CA

HORVAT, R.

// H

The absorption of tannic acid from the gastrointestinal tract. B. Korpácz, R. Horvát, and M. Koltay (Univ. Szeged, Hung.). *Arch. intern. pharmacodynamie* 88, 368, 197(1981).—Tannic acid solns., 2.5% or stronger, given by mouth to dogs or rabbits, cause the tannic acid concn. in plasma to rise rapidly to a max. in 3 hrs. and back to zero in 24 hrs. Values of 10–20 g/cc. or higher are reached. Tea (10 g./200 ml. H<sub>2</sub>O) caused the plasma concn. to reach 27 g/cc. Claret caused only a very slight rise. M. L. C. B.

HORVALI, R. 1951

(U. of Szeged Kórháztani és Kórszövettani Intézete)

"Absorption of Tannic Acid From the Alimentary Tract."

Kiserl.Orvostud. 1951 3/3 (213-221)

Abst: Exc. Med. 11, Vol. 5, No. 4, 497

NOVAT, R.

The concentration dependence of the spectral effect of secondary fluorescence. <sup>1</sup> J. Douth and R. Horvat (Univ. of London, U.K.). *Ann. Phys. (London)* 1958, 2, 9-17 (in German). -- The fluorescence spectra of fluorescent solns. (pH 12.5) at 24° and at concns. from  $10^{-4}$  to  $10^{-2}$  were detd. at wave lengths from 400 to 500 mμ in the app. described. One series of expts. was carried out at const.  $l$  ( $l$  = length of cell,  $c$  = concn. of soln.), another series at const.  $c$ . By comparing fluorescence spectra corrected for reabsorption, there was a spectral shift varying with concn. which could be explained by secondary fluorescence. The true spectra (corrected for secondary fluorescence as well as reabsorption) were independent of concn.

R. Horvat

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... as well as (containing) were independent of con-

... News...

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Distr: 4E3d

The spectral influence of secondary fluorescence, A. Budo, J. Dombi, and R. Horvai (Univ. Szeged, Hung.). *Acta Univ. Szegediensis: Acta Phys. et Chem. (N.S.)* 3: 8-16 (1957) (in German).—The differences, which arise solely due to the observational method in the case of primary fluorescence spectra, are nonexistent in the case of the quant. research including the effect of the secondary fluorescence spectra (at least for fluorescein solns.). Measurements were made for (1) longitudinal measurement on the middle of the front plane, (2) the same on the back plane, and (3) transverse measurements, each at 436 and 490 mμ. The max. divergence of the direct measured quantum spectra for λ = 620-600 mμ was in the range 11-350%; for that only concerned with the reabsorption cor. spectra the max. divergence was 1.9-25%; and for that also cor. for the secondary fluorescence only 1.4-5.0%, i.e., the last divergence lies within the probable error (±3%) of the method. By varying the concn. and the layer thickness, the agreement was less good, but in all cases it was better than when just the influence of the reabsorption was considered. The mathematics for calcg. the different cases is included.

Marian C. Neumann

HORVAT, R.

5  
Simple experimental method to determine the intensity of secondary fluorescence. J. Domby, J. Hevesi, and R. Horvát (Univ. Szeged, Hung.). *Acta Univ. Szegediensis, Acta Phys. et Chem.* 5, 20-5(1959)(in German).—The intensity ratio  $\alpha$  of secondary to primary fluorescence can be approx. calcd. by the equation  $B = E_0(1 - \alpha^2)(1 - \alpha^2)^{-1}$ , where  $B$  is the observed intensity,  $E_0$  is the incident-light intensity,  $\eta$  is the quantum efficiency,  $a$  is the product of the absorption coeff. and the cell length, and  $\alpha^2 = a(3 - p_p)(3 - p_s)^{-1}$ , in which  $p_p$  and  $p_s$  are the degrees of polarization of the primary and secondary fluorescence, resp. The values of  $\alpha$  calcd. in this way gave good agreement with the exptl. values for fluorescein, rhodamine B, trypanthine, and Al morin over a 100-fold range in concn., beginning at  $5.0 \times 10^{-5} M$ .  
John A. Borumaym

KETSKEMETI, I.; DOMBI, J.; HORVAT, R.

The connection of the absorption fluorescence spectra of solutions.  
Preliminary report. Acta phys Hung 12 no.3:263-267 '60. (EEAI 10:5)

1. Institute for Experimental Physics, University of Szeged, Szeged.  
(Fluorescence) (Spectrum analysis)

KETSKEMETI, L.; DOMBI, J.; HORVAI, R.

Fluorescence, absorption and temperature radiation of solutions.  
Acta phys Hung 14 no.2 3:165-166 '62.

1. Institute of Experimental Physics, The University, Szeged.  
Presented by G. Szigeti [Gyorgy Szigeti]



KOZMA, L.; HEVESI, J.; HORVAL, R.

Contribution to the question of the yield of luminescent solutions. Acta phys chem Szeged 10 no.3/4:79-84 '64.

1. Institut fur Experimentalphysik der Attila Jozsef Universitat, Szeged.

CZECHOSLOVAKIA / Cultivated Plants. Fruit Trees.  
Small Fruit Trees.

M-7

Abs Jour: Ref Zhur-Biol., 1958, No 16, 73130.

Author : Horvaka, Borivoj.

Inst : Not given.

Title : Differentiation of Flower Buds in Apple Trees.

Orig Pub: Caskosl. biol., 1957, 6, No 6, 472-465.

Abstract: Periods of differentiation of flower buds of 25 varieties of apple trees were determined by the Biological Institute of the Czechoslovakian Academy of Sciences in 1955 and 1956.

Card 1/1

HORVAT, A.

Some interesting observations on the building site of the  
Ljubljana-Zagreb highway. Geologija Slov 6:323-327 '60 (publ.  
'61).

HORVAT, A.

BUZINA, R., Dr.; HORVAT, A., Mr. ph.; MIKIC, F., Dr.; HORGAS, D.

Iodine and goiter; preliminary report. Higijena, Beogr. 7 no.1-4:  
329-334 1955.

1. Centralni higijenski zavod, Zagreb; Biostatistički laboratorij  
Savjeta za nar. zdravlje, Zagreb.

(GOITER, epidemiol.

endemic, eff. of iodine in water supply on incidence (Ser))

(IODINE,

in water supply, relation to incidence of endemic goiter (Ser))

(WATER SUPPLY

iodine content in relation to incidence of endemic goiter (Ser))

HORVAT, A.

~~Thromboembolism. Acta chir. iugosl. 3 no.2:134-146 1956.~~

1. Kururski odjel Opce bolnice. Dr. J. Kajfesa u Zagrebu  
(predst. prim. dr. Josip Koporc).  
(THROMBOEMBOLISM  
diag. & surg. (Ser))

BULINA, R.; HORVAT, A.; JURKOVIC, B.

Evaluation of nutritional status of women working in a factory, Arh.  
hig. rada 7 no.4:327-337 1956.

1. Centralni higijenski zavod, Zagreb, i Higijenski zavod, Rijeka.  
Adres: Central Institute of Hygiene of the P. R. Croatia, Zagreb.  
(NUTRITION,  
in female indust. workers in Yugosl. (Ser.))

HORVAT, H.  
MAVER, Hubert, Dr.; HORVAT, Agnesa, mr., ph.; PANIAN, Zdravko, dr.

Vitamin A and carotene levels in blood and dark adaptation.  
Lijec. vjes. 78 no.11-12:535-545 Nov-Dec 56.

1. Iz Odjela za higijenu prehrane Centralnog higijenskog  
savoda i Ocnog odjeljenja Vojne bolnice u Zagrebu.

(VITAMIN A, in blood

eff. on dark adaptation (Ser))

(CAROTENE, in blood

same)

(ADAPTATION, OCULAR,

blood levels of vitamin A & carotene in dark adaptation

(Ser))

HORVAT, Agneza; MIKIC, Fedor

Distribution of iodine in potable waters in Croatia. Biol glas 13  
no.2/3:275-280. '60.

1. Odjel za higijenu prehrane i Odsjek za biostatistiku Centralnog  
higijenskog zavoda u Zagrebu.



TOMASEGOVIC, Z.; JANKOVIC, Z.; PETKOVIC, V.; STANIC, M.; BETLHEIM, S.; BLAZEVIC, D.; PERSIC, N.; ZORINC, S.; TEODOROVIC, B.; VRANCIC, J.; VODOPIJA, I.; ANTONIAZZO, Z.; CULIC, R.; GALINOVIC, WEIEGLASS, M.; RADANOV, Z.; MRAVINAC, B.; KOEHLER-KUBELKA, N.; CEZNER, M.; KOHN, V.; TEKAVCIC, B.; EMILI, H.; SMERDEL, S.; SOOS, E.; VUKSANOVIC, V.; JANJATOVIC, M.; DERVISSEVIC, I.; GRUENWALD, P.; SKRABALO, Z.; CREPINKO, I.; HAUPTMANN, E.; VIDACEK, S.; HORVAT, A.; MIOCKA, O.; IVANCEVIC, D.; PERGER, A.; KRSNJAVI, B.; PRAZIC, M.; SALAJ, B.; SUBOTIC, R.; RADOSEVIC, Z.; KELER-BACOKA, M.; HAHN, A.; MATKOVIC, B.; RADONIC, M.

Reveiw of periodicals; medicine. Bul sc Youg 9 no.4/5:145-147  
Ag-O '64.

HORVAT, ADOLF OLIVÉR.

A pecsi Mecsek (Misina) természetes novényszövetkezetei. Pecsett, Pecs  
Nyomda és Könyvkiadó, 1946. 52 p. (Dunántúli Tudományos Intézet (Kiadványai)  
8 sz.) (Natural plant associations of the Mecsek Mountains (Misina) at  
Pecs. bibl., diagrs., tables)

SO: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 5, 1958

HORVAT. A.

Yugoslavia (-30)

Agriculture-Plant and Animal Industry

The density of plantation on eroded Karst with special  
regard to Aleppo pine. . 286. SUMARSKI LIST.  
Vol. 75, no. 3-10, Aug.-Oct. 1961

East European Accessions List, Library of Congress.  
Vol. 2, no. 3, March, 1953. UNCLASSIFIED.

HORVAT, A.

Yugoslavia (130)

Agriculture--Plant and Animal Industry

The importance of the culture - Laurel.  
p. 392. SUMARSKI LIST. Vol. 75, no. 12,  
Dec. 1951.

East European Accessions List, Library of Congress,  
Vol 2, no. 3, March 1953. UNCLASSIFIED.

HOVAT, A.

The Institute for Experimental Forestry. p. 526. SUMARSKI LIST.  
(Društvo sumarskih inženjera i tehničara FNR Jugoslavije) Zagreb. Vol. 79,  
no. 11/12 Nov/Dec. 1955.

So. East European Accessions List Vol. 5, No. 9 September, 1956

HORVAT, A.

Some opinions and practical data on the application of the thorny shrub (Paliurus aculeatus Lamp.) in the afforestation of Karst. p. 391.

Periodical: SUMARSKI LIST.

Vol. 82, no. 11/12, Nov./Dec. 1958.

AGRICULTURE

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4  
April 1959, Uncl.

HORVAT, Adolf Oliver (Pecs, Jamus Pannonius u.2).

Original vegetation of grapes and orchards in the vicinity of  
Pecs. Botan kozl 48 no.1/2:95-99 '59.

HORVAT, Adolf Oliver (Pecs, Janus Pannonius u.8)

Plant collections of the Natural History Division of the Janus  
Pannonius Museum, Pecs. Botan kozl 48 no.3/4:305-306 '60.



HORVAT, Adolf Oliver (Pecs, Jamus Pannonius u.8)

Cranberries in the Mecsek Mountains. Botan kozl 48 no.3/4:257  
'60.

HORVAT, Boldizsar, dr.; SZAR, Imre, dr.; LISZAUER, Dezzo, dr.

Present problems in the formation of acetabular roof, with special reference to the acetabular conditions before and after surgery in treatment of congenital hip dislocation. Magy. sebesszet 7 no.1:12-21 Feb 54.

1. A Budapesti Janos Korhas (igazgato: Bakacs Tibor dr.) Orthopaediai Osztalyanak Korvath Boldizsar dr.) es a Budapesti Orvostudomanyi Egyetem I. sz. Sebesszeti Klinika ( igazgato: Sebestyen Gyula dr. egyet. tanar) Orthopaed-Traumatologiai Osztalyanak (vezeto: Lissauer Dezzo dr.) kozlemenye.

(HIP, dislocation  
congen., surg., plastic reconstruction of acetabular roof)

(ACETABULUM, surg.  
plastic reconstruction in congen. hip disloc.)

(DISLOCATION  
hip, congen., surg., plastic reconstruction of acetabular roof)

HORVAT, B.

Yugoslavia (130)

Technology

Is the Factory of Lubricating Greases and Regeneration of Lubricating  
Oils in Sv. Klara a rentable enterprise? p. 100. NAPIA. Vol. 3, no.5,  
May 1952.

East European Accessions List, Library of Congress,  
Vol. 2 no. 3, March 1953. UNCLASSIFIED.

HORVAI, B.

Yugoslavia (.30)

Technology

The petroleum industry of Croatia under the  
new economic system: an economical analysis  
for the first quarter of 1952. p. 206.  
NAFTA. Vol. 3, no. 7, July 1952.

East European Accessions List, Library of Congress,  
Vol. 2, no. 3 March 1953. UNCLASSIFIED.

HORVAT, B.

Yugoslavia (430)

Technology-Periodicals

Economical size of gas pipelines. p. 16. NAFTA.  
(Institut za naftu) Zagreb. (Monthly on the production  
and refining of petroleum issued by the Petroleum  
Institute). Vol. 4, No. 1, Jan. 1953.

East European Accessions List, Library of Congress ,  
Vol. 2, No. 6, June 1953. Unclassified.

B. HORVAT

"The Lucrativeness of Producing Petroleum in Croatia. n/ 97" (NAFTA,  
Vol. 4, No. 3, Mar. 1953, Zagreb, Yugoslavia)

SO: "Monthly List of East European Accessions, L.C., Vol. 2, No. 11,  
Nov. 1953, Uncl.

HORVAT, B.

"Research material on the history of the oil industry in Yugoslavia; oil production in the territory of Yugoslavia before World War 1." p. 120. (M.FIA, Vol. 4, no. 4, Apr. 1953, Zagreb.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress  
August, 1953, Uncl.

121. Oil production in the territory of Yugoslavia before the first world war. E. B. HARRY. *Nafta (Yugoslavia)*, 1962, 6 (8), 259-60. The fourth phase of the industry's development is described. This phase, beginning in 1907 and ending with the end of the first world war and with the creation of the new Yugoslav state, is characterized as a period of stagnation. There was no more drilling in Bosnia, and only at one place in Croatia (Veliki Poganoc); exploration ceased in Medumurje too. The only attempt to begin anew with drilling operations was made in Medumurje between 1911 and 1914 on Singer's claims, by an English-Hungarian oil syndicate, but with very little success. However, during the war, for war needs, the search for oil began anew, and in 1916 the first gas field in the country, Rijavica near Lipik, was opened. (Author's abstract.)



HORVAT, B.

British Abst.

B I

Aug. 1953

Petroleum

Economic aspect of the dimensions of gas conduits. B. Horvat  
(*Nafta, Zagreb*, 1953, 4, 16-21).--In most instances the expenditure  
for the conduits is one of the greatest single items as far as  
investment is concerned. A cost analysis is made. O. Poturic.

HORVATH, B.

Production

Fuels.

(1)

1880. Oil production in the territory of Yugoslavia before the first world war. B. Horvath. *Nafita (Yugoslavia)*, April 1953, 4, 120-8. The evolution of Yugoslavian oil and gas industry is not well known, but the industry has 100 years of history. The oil seepages on Yugoslavian territory were mentioned in 1788, and from this year dated Prof. Winterl's descriptions of oil seepages near Peklenica in Medumurje. The farmers of Peklenica produced oil by digging trenches and collecting the seepage, which they used as medicine and cart grease. In 1885 the oil producers got the first claims for oil production at Mikleuska and Petrovo Selo in Croatia, but the actual history of the industry began in 1880 with first drilling for oil in Medumurje near old seepages. In this article the period up to 1906 is described. This period of development has 3 phases: the first, before 1884, represents phase of mining for oil; the second, 1885-89, when besides hand-dug wells, the first 15 drillings took place in various parts of the country in Medumurje, Croatia, and Bosnia; and the third phase from 1900 to 1906, when the first greater quantities of oil were produced. This production developed almost entirely on the Solnica field in Medumurje. The production from Medumurje fields, which started in 1880, still continues. (Author's Abstract.)

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"Production of our oil fields and tendencies in its change." p. 391. (Nafta, Vol. 4, no. 12, Dec. 1953. ~~Zagreb.~~)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954.  
Uncl.

B. HORVAT

"General Principles of Computing Production Costs in Distilleries. p. 188"  
(NAFTA, No. 6, Vol. 4, June 1953, Zagreb, Yugoslavia)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11,  
Nov. 1953, Uncl.

Harvard, 3.

Reference material for the history of naphtha in Yugoslavia; Uljanik Petroleum Company. p. 136. (NAPTA, Vol. 5, no. 5, May 1954, Zagreb, Yugoslavia)

SO: Monthly List of East European Accessions, (LEAS), LC, Vol. 1, no. 1 Jan. 1955, Incl.

HORVAT, B.

"Tank cars for Transportation of Mineral Oils in Yugoslavia." p. 316,  
(HAFPA, Vol. 5, no. 11, Nov. 1954. Zagreb, Yugoslavia.)

SO: Monthly List of East European Accessions, (EEAL), LC,  
Vol. 4, No. 5, May 1955, Uncl.

HERBERT, I.

✓ 313. TRANSPORT OF MINERAL OILS IN RIVER TANKERS. BERNARD, D.  
FD. Warta (Petrologia, Zagreb), June 1955, vol. 6, 196-198. The development of  
tanker transport on the Danube, especially by Yugoslavia, is described. (u).

HORVAT, F., MUDr.; PROKOP, V.

Treatment of atrophic rhinitis with reserpine and iron. Cesk.  
otolaryng. 14 no.1:23-26 F'65.

1. Usne. nosne a krone oddelenie nemocnice s poliklinikou  
v Piestanech (veduci: MUDr. F. Horvat.).



~~HORVAT, G.~~  
DOBOZI, O.K.; LANG, L.; ~~KHORVAT, G.~~ [Horvat, G.]

Spectroscopic study of the mechanism of dyeing textile materials.  
Zhur, prikl. khim. 34 no.1:204-208 Ja '61. (MIRA 14:1)

1. Tsentral'naya issledovatel'skaya laboratoriya koloristiki i  
Kafedra fizicheskoy khimii Politekhnicheskogo universiteta, Budapesht.  
(Dyes and dyeing—Spectra)

DOBOZY, O. K.; LANG, L.; HORVATH, G.

Spectroscopic investigation of the dyeing mechanism of textile fabrics.  
Magy textil 13 no.4:149-151 Ap '61.

S/194/62/000/007/144/160  
D413/D308

9.2584  
AUTHOR:

Horvat, Ivan (*Ljubljana*)

TITLE:

Temperature stabilization of the frequency of a transmitter drive oscillator using a bimetallic device

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 7, 1962, abstract 7-7-198 v (Elektrotehn. vestn. v. 28, no. 8-10, 1960, 193-196 [Sloven.; summaries in Ger., Eng., and Fr.])

TEXT: The paper shows the effectiveness of using a bimetal device for the temperature compensation of a variable inductor and a variable capacitor. Theory and practical methods of compensation by bimetal device, are described. The desirability of using a bimetal device is confirmed in all instances where high thermal and mechanical stability is required together with small weight and volume. The author considers the method of replacing one of the rotor plates of a capacitor by a bimetal plate, and a method of direct compensation of a variable choke and variable capacitor. The second method uses a shorted rim fitted directly onto the inductor and en-  
Card 1/2

*Industrija za elektroniku*

Temperature stabilization of the ...

S/194/62/000/007/144/160  
D413/D308

closing a part of the magnetic flux; the rim weakens the flux, since it acts as the secondary winding of a RF transformer. The inductance varies when this rim is displaced with respect to the edge of the winding. The rim is fitted with a bimetal clamp in such a way that a deformation of the clamp due to temperature change forces the hoop either to approach the edge of the winding or to recede from it, producing the required negative coefficient. Continuous control of such compensation is automated, and achieved by using a very stable secondary quartz standard in a special circuit, where the control device is placed in a thermostat. A Franklin oscillator is used in the input to the thermostat to generate the oscillations used in the AC control circuit. 7 references. (Industrija za elektroveze, Yug.) [Abstracter's note: Complete translation.] ✓B

Card 2/2

HORVAT, Ivo, prof. dr.

Thirteenth International Phytogeographical Excursion  
through Finland and north Norway. Biol glas 15 no.1:  
A1 - A6 '62.

1. Glan Urednistva, "Bioloski glasnik, Periodicum biolo-  
gorum".

HORVAT, I.

Yugoslavia (130)

Agriculture-Plant and Animal Industry

Research and setting up of cards on the vegetation of the  
Southern hillsides of western Croatia and of the Kupa River  
basin. p. 221. SUMARSKI LIST.  
Vol. 75, no. 6, June 1951.

East European Accessions List, Library of Congress.  
Vol. 2, no. 3, March 1953. UNCLASSIFIED.

HORVAI, I.

Yugoslavia (130)

Agriculture--Plant and Animal Industry

Systems of kiln drying of wood. p. 303.  
SUMARSKI LIST. Vol. 75, no. 8-10, A: 1.- Oct. 1951.

East European Accessions List, Library of Congress,  
Vol. 2, no. 3 March 1953. UNCLASSIFIED.

HOWAT, I.

Reasons for a proposal to make Risnjak a national park. p. 209 (GLASNIK,  
Series II/8, v. 4/6, 1950/52, Zagreb, Yugoslavia)

SQ: Monthly list of East European Accessions, (EEL), LC, Vol. 4, no. 1  
Jan. 1955, Uncl.



HORVAT, I.

Vegetation of karst holes; a contribution to the geography of the Karst. p. 1. (Zagreb, No. 14/15, 1952/53.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No.

I HORVAT

"A contribution to the Knowledge of Technical Properties of the Douglas Fir;  
p. 105" (SUMARSKI LIST. Vol. 77, No. 3, 1953. Zagreb, Yugoslavia)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11,  
Nov. 1953. Uncl.

HORVAT, I.

Eight years of research on and charting of vegetation in Gorski Kotar and the Croatian Littoral. p. 412. SUMARSKI LIST. (Društvo sumarskih inženjera i tehničara FNR Jugoslavije) Zagreb. Vol. 79, no. 11/12 Nov./Dec. 1955.

So. East European Accessions List Vol. 5, No. 9 September, 1956

HCORVAT, I.

Works by the Forestry Department of the Faculty of Agriculture and Forestry in Zagreb, 1945-1955. p. 517. SUMARSKI LIST. (Društvo sumarskih inženjera i tehnicara FNR Jugoslavije) Zagreb. Vol. 79, no. 11/12 Nov/Dec. 1955.

So. East European Accessions List Vol. 5, No. 9 September, 1956

*HORVAT IVO*

YUGOSLAVIA/Electricity - Dielectrics

G-2

Abs Jour : Ref Zhur - Fizika, No 5, 1958, No 10888

Author : Horvat Ivo

Inst : Not Given

Title : Electric Properties of Lumber

Orig Pub : Tehn. pregl., 1957, 9, No 3, 94-100

Abstract : A study is made of the electric specific conductivity, dielectric constant, the loss factor, and resistance at radio frequencies. It is shown that all these properties depend on the type of lumber, on the structure of the fibers, moisture contents, temperature, and frequency of the alternating field.

Card : 1/1

HORVAT, I.

Contribution to the knowledge of pine and spruce forests of Mala Kepela. p. 225.

Periodical: FNRJ. GLASNIK. Beograd.

Vol. 82, no. 7/8, July/Aug. 1958.

AGRICULTURE

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4  
April 1959, Uncl.

HORVAT, I.

Professor Aleksandar Ugrenovic (1883-1958); an obituary and a list of his works.  
p. 411.

Periodical: SUMARSKI LIST.

Vol. 82, no. 11/12, Nov./Dec. 1958.

AGRICULTURE

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4  
April 1959, Uncl.

HORVAT, I.

On occasion of the publishing of Dr. Jure Krpan's book Susenje i parenje drva (Drying and Steaming of Wood); a book review. p. 30.

DRVNA INDUSTRIJA. (Institut za drvnoindustrijska istrazivanja) Zagreb, Yugoslavia. Vol. 10, no. 1/2, Jan. Feb. 1959.

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Uncl.



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Pre-Alpine fields and meadows of the Vlasie Mountain in Bosnia. Biol  
glas 13 no.2/3:113-157 '60.

1. Zavod za botaniku Veterinarskog fakulteta Svencilista u Zagrebu i  
Poljoprivredni zavod u Banjaluci.

ISAKOVIC, K.; JANKOVIC, B.D.; HORVAT, J.

7

Hemagglutinins in chickens. III. The effect of heterologous ribonucleoproteins upon the formation of natural haemagglutinins.

Acta med. iugoslav. 14 no.4:364-371 '60.

1. Microbiological Institute, Faculty of Pharmacy, University of Belgrade.  
(ANTIBODIES) (NUCLEOPROTEINS pharmacol)

JANKOVIC, B.D.; ISAKOVIC, K.; HORVAT, J.

Haemagglutinins in chicken. IV. First and second antibody responses in chickens previously treated with heterologous ribonucleoproteins, erythrocytes and hog o(h) blood group substance. Acta med. iugoslavl. 14 no.4:372-382 '60.

1. Microbiological Institute, Faculty of Pharmacy, University of Belgrade.

(ANTIBODIES)	(NUCLEOPROTEINS pharmacol)
(BLOOD GROUPS)	(ERYTHROCYTES)

HORVAT, Josip, Dr.

Relation between Adie syndrome and myopathies. Med. arh.,  
Sarajevo 10 no.6:29-37 Nov-Dec 56.

1. Neuropsihijatrijska klinika Med. fakulteta u Sarajevu. Sef  
prof. dr. Nedo Zec.

(ADIE SYNDROME, case report  
hered. & localization of clin. manifest. (Ser))

HORVAT, K.

"International Radio Consultative Committee."

p. 30 (Telekomunikacije) Vol. 6, no. 3, July 1957  
Belgrade, Yugoslavia

SO:: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

SEGALL, M., doktor; KHORVAT, L. [Horvat, L.], doktor; KHOCHOTA, D. [Hocota, D.],  
doktor

Importance of audiometric examination in tumors of the cerebellopontile  
angle; neurinoma of the acoustic nerve. Vest.otorin. 20 no.2:69-74  
Mr-Ap '58. (MIRA 12:11)

1. Iz otlaringologicheskogo otdeleniya bol'nitsy No.12 i neyro-  
khirurgicheskoy kliniki, Bukharest.

(NERVES, ACOUSTIC, neoplasms

neurilemoma, diag. value of audiometry (Rus))

(HEARING TESTS

audiometry, diag. value in acoustic nerve

neurilemoma (Rus))

(NEURILEMMOMA, diag.

ear, value of audiometry (Rus))

NOVAT, M.

"The pitch of a voice has a nerve source." p. 22. (Jugoslovenski Radio. Vol. 1, no. 20, 1953. Beograd.)

SO: Monthly List of East European Accessions. Vol. 3, no. 3. Library of Congress. March 1954.  
Uncl.

TISLER, M.; HROVAT, M.; MACHIEDO, N.

Formation of 1,2,2-thiadiazole derivatives from isothiocyanates and aliphatic diazo compounds. Croat chem acta 34 no.3:183-186 '62.

1. Department of Chemistry, Faculty of Science and Technology, University of Ljubljana, Slovenia, Yugoslavia.



HORVAT, Martin, Dr.Bovinj.

Use of antibiotics in osteoarticular tuberculosis. Tuberkuloza,  
Beogr. 6 no.5-6:321-329 Sept-Dec. '55.

(ANTIBIOTICS, ther.use  
osteoarticular tuberc.,with surg.(Ser))  
(TUBERCULOSIS, OSTEOARTICULAR, ther.  
antibiotics & surg.(Ser))

HORVAT, Martin, Prim., dr., (Rovinj)

~~Problems and treatment of osteoarticular tuberculosis.~~  
Med. glasn. 10 no.11-12:483-487 Nov-Dec 56.

(TUBERCULOSIS, OSTEOARTICULAR,  
(Ser))

H. HORVAT

"Location of Gruda Airport. p/ 8" (GRANDINAR, Vol. 5, No. 1, Jan. 1953,  
Zagreb, Yugoslavia)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11,  
Nov. 1953, Undl.

HORVAT, N.

Determining the dimensions of road pavements. p. 261  
CESTE I MOSTOVI. (Uprava za ceste NR Hrvatske) Zagreb.  
Vol. 4, no. 7, July 1956

SOURCE: East Europe Accession Lists (EEAL),  
Library of Congress, Vol. 8 no. 11, Nov. 1956

HOZVAT, H.

Airports within communication networks. p. 79.

PUT I SAOBRAĆAJ. (Društvo za puteve Srbije)  
Beograd, Yugoslavia. Vol. 6, no. 7/10, July/Oct. 1958.

Monthly list of the East European Accessions (EEAI) LC, Vol. 6, no. 6, Aug. 1959.

Uncl.

HORVAT, Oliver, dr., a biológiai tudományok kandidátusa (Pecs)

Botanical excursion in the Mecsek Mountains. Term tud  
kozl. 7 no. 9: 402-404 S '63.

HORVAT, Radoslaw

Integral theorems of electric network characteristics. Publ  
mat fiz Univ Beograd no.28:1-15 '59.

L 31712-66 EWP(t)/ETI IJP(c) JD SOURCE CODE: CZ/0038/65/000/011/0425/0425  
36  
B

ACC NR: AP6021312

AUTHOR: Zitnansky, Bohumil; Horvat, Stefan

ORG: Research Institute of Welding, Bratislava (Vyskumny ustav zvaracsky)

TITLE: Ferromanganese and manganese ore in the coatings of welding electrodes

SOURCE: Jaderna energie, no. 11, 1965, 425-428

TOPIC TAGS: ferromanganese, welding electrode, metal coating, radiation measurement, weld technology

ABSTRACT: The article reports on the use of radioactive manganese in two forms, manganese ore and ferromanganese, in the coating of electrodes in a study of the participation of manganese in the formation of the weld metal. Orig. art. has: 2 figures and 4 tables. [JPRS]

SUB CODE: 13, 11, 18 / SUM DATE: none / ORIG REF: 003 / OTH REF: 001  
SOV REF: 002

UDC: 621.791.74:546.71.02

Card 1/1



HUNGARY / Organic Chemistry. Organic Synthesis.

G-2

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 1272.

Author : Horvat, T., Toldy, L., Vargha, L.

Inst : Not given.

Title : The Synthesis of Isonicotinic Acid Hydrazide.

Orig Pub: Magyar kem. folyoirat, 1957, 63, No 10, 284-286.

Abstract: The synthesis of isonicotinic acid (I) and its hydrazide (II) from 4-ethyl pyridine (III) is described. Aluminum powder and iron filings in particular were successfully used instead of the conventional zinc dust for the synthesis of III (yield 33-38%). Two hundred grams of pyridine, 800 milliliters of acetic anhydride, 200 milliliters of glacial acetic acid and 100 grams of aluminum are heated (130°C., 3 hours), then at 115°C., 200 milliliters of acetic acid and 107 grams of

Card 1/4

13

HUNGARY / Organic Chemistry. Organic Synthesis.

G-2

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 1272.

Abstract: aluminum are added and boiled for an additional four hours. At 100°C. the contents are diluted with water, made alkaline to the phenolphthalein with sodium hydroxide and III is steam distilled; yield 42.6%. Under analogous conditions but using iron instead, the yield was 74.3%. The latter varies depending on different grades of iron in a 20% range (steel is better than cast iron; iron which has been reduced with hydrogen reacts badly). Oxidation of III to I in addition to  $\text{KMnO}_4$  (yield 70%) was accomplished with  $\text{SeO}_2$  and  $\text{NaOCl}$ . Five grams of III, 0.4 grams of  $\text{SeO}_2$ , 1.5 milliliters of water, 48 grams of concentrated sulfuric acid were heated for two hours at 280°C.; then 200 milliliters of water was added and the pH was adjusted to 3.6 and while boiling, a saturated solution

Card 2/4

HUNGARY / Organic Chemistry. Organic Synthesis.

G-2

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 1272.

Abstract: from  $\text{CCl}_4$  extract by distillation at 4-5 millimeters, yield 94%. Upon oxidation with  $\text{SeO}_2$ , the temperature may be raised to  $310^\circ\text{C}$ . after the evolution of gases stops, and after 8 hours it can be raised to  $325^\circ\text{C}$ ., 114 grams of  $\text{HOSO}_2\text{Cl}$  is added to the alcoholic solution of the remainder, and by a further procedure, similarly to the one described above, there is obtained (without a preliminary separation of I) the ethyl ester of I (yield 84% based on III). II was obtained from the latter by a conventional method, m. p.  $168-170^\circ\text{C}$ .  
-- S. Rosenfel'd.

Card 4/4

HORVAT, V.

Unified Electric-power Plants. p. 354.

ENERGIJA. (Zajednica elektroprivrednih poduzeca Hrvatske i Institut za elektroprivredu u Zagrebu) Zagreb, Yugoslavia. Vol. 7, no. 10, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 6, June 1959.

Uncl.

HORVAT, Vinko, dipl. inz.

Use of the Danube for electric power in Austria. Energija Hrv 13  
br.3/4:118-121 '64